

Title (en)  
ROLLING SYSTEM AND ROLLING METHOD

Title (de)  
WALZANLAGE UND VERFAHREN ZUM WALZEN

Title (fr)  
INSTALLATION DE LAMINAGE ET PROCÉDÉ DE LAMINAGE

Publication  
**EP 2741870 A1 20140618 (DE)**

Application  
**EP 12742867 A 20120726**

Priority  
• EP 11176837 A 20110808  
• EP 2012064648 W 20120726  
• EP 12742867 A 20120726

Abstract (en)  
[origin: WO2013020814A1] The invention relates to a rolling system, in particular a cold-rolling system for cold-rolling a metal strip (2), comprising at least one cold-rolling stand (1) and comprising an unwinding device (3) that is arranged upstream of the cold-rolling stand (1), a unit (10) being connected between the unwinding device (3) and the cold-rolling stand (1). The unit (10) is made of at least three rolls (6, 7, 8), each of which is rotationally driven about a rotational axis (6A, 7A, 8A). Each said roll (6, 7, 8) can be adjusted individually or together in the direction of the respective rotational axis (6A, 7A, 8A) and in a direction transverse to the rotational axis (6A, 7A, 8A) by means of a driving and adjusting device (11).

IPC 8 full level  
**B21B 1/28** (2006.01); **B21B 37/48** (2006.01); **B21B 39/08** (2006.01); **B21B 39/16** (2006.01)

CPC (source: EP US)  
**B21B 1/28** (2013.01 - EP US); **B21B 37/50** (2013.01 - US); **B21B 38/00** (2013.01 - US); **B21B 39/008** (2013.01 - US);  
**B21B 39/084** (2013.01 - EP); **B21B 37/48** (2013.01 - EP); **B21B 37/68** (2013.01 - EP US)

Citation (search report)  
See references of WO 2013020814A1

Designated contracting state (EPC)  
AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO RS SE SI SK SM TR

DOCDB simple family (publication)  
**WO 2013020814 A1 20130214**; CN 103717322 A 20140409; CN 103717322 B 20160928; EP 2741870 A1 20140618; EP 2741870 B1 20150930;  
RU 2014108911 A 20150920; RU 2598735 C2 20160927; US 2014174141 A1 20140626; US 9776226 B2 20171003

DOCDB simple family (application)  
**EP 2012064648 W 20120726**; CN 201280038615 A 20120726; EP 12742867 A 20120726; RU 2014108911 A 20120726;  
US 201214236774 A 20120726